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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					Application Number	10/773,054	
					Filing Date 2/4/2004		
					First Named Inventor:	Hossein Sedarat	
MAI	3				Art Unit	N/A	
Α					Examiner Name	N/A	
Sheet	1		of	2	Attorney Docket Number	006491.P076	
•			U.S. PATE	NT DOCUMENTS	3		
Examiner Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines. Where Relevant Passages or Relevant Figures Appear	
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STATEMENT BY APPLICANT					First Named Inventor:	Hossein Sedarat		
(use as many sheets as necessary)				ssary)	Art Unit	N/A		
					Examiner Name	N/A		
Sheet	2	of 2			Attorney Docket Number	006491.P076		
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PETER S. CHOW, ET AL., "A Practice for Data Transmission over Spectrally vol. 43, no. 2, pp. 773-775, 1995					tical Discrete Multitone Transceiver Loading Algorithm ally Shaped Channels," IEEE Trans. On Communications,			
		JORGE IEEE Ir	E CAMPI nternatio	ELLO, "Optimal Dis nal Symposium on	crete Bit Loading for Multicar Information Theory, August 1	rier Modulation Systems," 1998, Cambridge, MA, p. 193		
		BRIAN S. KRONGOLD, ET AL., "Computationally Efficient Optimal Power Allocation Algorithms for Multicarrier Communication Systems," <i>IEEE Trans. On Communications</i> , vol. 48, pp. 23-27, January 2000						
	RANJAN V. SONALKAR, "An Efficient Bit-Loading Algorithm for DMT Applications," <i>IEE Comm. Letters</i> , vol. 4, pp. 80-82, March 2000							
ANA GARCIA ARMADA, ET AL., "Multi-User Constant-Energy Bit Loading for M-F Modulated Orthogonal Frequency Division Multiplexing," IEEE Wireless Communiand Networking Conference (WCNC), Orlando, pp. 526-530, March 2002						Wireless Communications		
		ANDRE NOLL BARRETO, ET AL., "Adaptive Bit Loading for Wireless OFDM Systems," IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, G- 88 to G92, October 2001						
		Limited	ADSL-T	RELLI, ET AL., "Nov Type Multicarrier Sy May 2002	vel Efficient Bit-Loading Algor stems, IEEE Trans on Signal	ithms for Peak-Energy- I Processing, vol. 50, no. 5,		
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